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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/620,593	07/17/2003	Yoshinori Honda	04329.3097	9296

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EXAMINER
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SANTIAGO CORDERO, MARIVELISSE

ART UNIT	PAPER NUMBER
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2687

DATE MAILED: 06/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/620,593

Applicant(s)

HONDA ET AL.

Examiner

Marivelisse Santiago-Cordero

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 17 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 2/11/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Priority***

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

### ***Information Disclosure Statement***

2. The Information Disclosure Statement (IDS) filed on 2/11/2004 has been considered by the examiner.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Wolovitz (WO 01/74011 A1).

Regarding claim 1, Wolovitz discloses an apparatus for performing a wireless communication (page 3, lines 3-5), comprising: a wireless communication device (page 7, lines 14-29); means for selecting one from among a plurality of locations that are predetermined to perform the wireless communication (Fig. 1; page 3, lines 13-19; page 10, line 26 through page 11, line 5); and means for setting an operating environment for the wireless communication in a mode in which the wireless communication device does not respond to a device discovery request transmitted from a remote device, based on the selected location (Fig. 10; page 13, lines 15-18).

Regarding claim 2, Wolovitz discloses the apparatus according to claim 1, further comprising means for holding a plurality of mode setting information items (Fig. 10; page 11, lines 16-25) each including information indicating whether the wireless communication device should respond to the device discovery request (Fig. 10; page 13, lines 16-18), the plurality of mode setting information items corresponding to the plurality of locations (page 10, line 26, through page 11, line 25), wherein the means for setting the operating environment includes means for setting the operating environment for the wireless communication in one of a mode in which the wireless communication device responds to the device discovery request and a mode in which the wireless communication device does not respond to the device discovery request, based on mode setting information item corresponding to the selected location (Fig. 10; page 13, lines 15-18).

Regarding claim 3, Wolovitz discloses the apparatus according to claim 2, wherein the plurality of mode setting information items each include information indicating whether the wireless communication device should respond to a connection request transmitted from a remote device (Fig. 10; page 13, lines 18-20), and the means for setting the operating environment further includes means for setting the operating environment for the wireless communication in one of a mode in which the wireless communication device responds to the connection request and a mode in which the wireless communication device does not respond to the connection request, based on mode setting information item corresponding to the selected location (Fig. 10; page 13, lines 18-20).

Regarding claim 4, Wolovitz discloses the apparatus according to claim 2, wherein the plurality of mode setting information items each include information indicating whether it is

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necessary to authenticate that the wireless communication device and the remote device have a same password (Fig. 10; page 13, lines 19-21; note that determining whether communication devices have the same password is inherently present in an authentication process), and the means for setting the operating environment further includes means for setting the operating environment for the wireless communication in one of a mode in which the authentication need to be performed and a mode in which the authentication need not to be performed, based on mode setting information item corresponding to the selected location (Fig. 10, lines 18-20; note the pairable mode setting).

Regarding claim 5, Wolovitz discloses the apparatus according to claim 1, wherein the means for selecting one from among the plurality of locations includes means for displaying on a display screen a selection screen for causing a user to select one from among the locations (page 4, lines 5-10).

Regarding claim 6, Wolovitz discloses the apparatus according to claim 1, wherein the means for selecting one from among the plurality of locations includes means for defining link information for associating each of remote devices with one of the locations (page 4, lines 11-27; page 6, lines 10-14), means for performing a device discovery process of discovering a remote device that is present within a wireless communication area of the wireless communication device (page 6, lines 14-16), and means for selecting one from among the locations based on a result of the device discovery process and the link information so as to select a location that is associated with the remote device discovered by the device discovery process (page 6, lines 16-20).

Regarding claim 7, Wolovitz discloses an apparatus for performing a wireless communication with a remote device (page 3, lines 3-5), comprising: means for defining link information for associating each of remote devices with one of a plurality of locations that are predetermined to perform wireless communication (page 4, lines 11-27; page 6, lines 10-14); means for performing a device discovery process of discovering a remote device that is present within a wireless communication area of the apparatus (page 6, lines 14-16); means for selecting one from among the locations based on a result of the device discovery process and the link information so as to select a location that is associated with the remote device discovered by the device discovery process (page 6, lines 16-20); and means for setting an operating environment for the wireless communication in one of a mode in which the apparatus responds to a device discovery request transmitted from a remote device and a mode in which the apparatus does not respond to the device discovery request, in accordance with the selected location (Fig. 10).

Regarding claim 8, Wolovitz discloses a method of controlling an operating environment for wireless communication with a remote device (page 11, lines 6-25), the method being applied to an apparatus for performing the wireless communication (page 10, lines 20-25), the method comprising: selecting one from among a plurality of locations which are predetermined to perform the wireless communication (Fig. 1; page 3, lines 13-19; page 10, line 26 through page 11, line 5); and setting the operating environment for the wireless communication in a mode in which the apparatus does not respond to a device discovery request transmitted from the remote device, based on the selected location (Fig. 10; page 13, lines 15-18).

Regarding claim 9, Wolovitz discloses the method according to claim 8, wherein the setting includes setting the operating environment for the wireless communication in one of a

mode in which the apparatus responds to the device discovery request and a mode in which the apparatus does not respond to the device discovery request (Fig. 10; page 13, lines 15-18), based on one of a plurality of mode setting information items which corresponds to the selected location, the plurality of mode setting information items corresponding to the plurality of locations (Figs. 4 & 10).

Regarding claim 10, Wolovitz discloses the method according to claim 9, wherein the plurality of mode setting information items each include information indicating whether the apparatus should respond to a connection request transmitted from a remote device (Fig. 10; page 13, lines 18-19), and the setting further includes setting the operating environment for the wireless communication in one of a mode in which the apparatus responds to the connection request and a mode in which the apparatus does not respond to the connection request, based on mode setting information item corresponding to the selected location (Fig. 10; page 13, lines 18-19).

Regarding claim 11, Wolovitz discloses the method according to claim 9, wherein the plurality of mode setting information items each include information indicating whether it is necessary to authenticate that the apparatus and the remote device have a same password (Fig. 10; page 13, lines 19-21; note that determining whether communication devices have the same password is inherently present in an authentication process), and the setting further includes setting the operating environment for the wireless communication in one of a mode in which the authentication need to be performed and a mode in which the authentication need not to be performed, based on mode setting information items corresponding to the selected location (Fig. 10; note the pairable mode setting).

Regarding claim 12, Wolovitz discloses the method according to claim 8, wherein the selecting includes displaying on a display screen a selection screen for causing a user to select one from among the locations (page 4, lines 5-10).

Regarding claim 13, Wolovitz discloses the method according to claim 8, wherein the selecting includes defining link information for associating each of remote devices with one of the locations (page 4, lines 11-27; page 6, lines 10-14), performing a device discovery process of discovering a remote device that is present within a wireless communication area of the apparatus (page 6, lines 14-16), and selecting one from among the locations based on a result of the device discovery process and the link information so as to select a location that is associated with the remote device discovered by the device discovery process (page 6, lines 16-20).

Regarding claim 14, Wolovitz discloses a method of controlling an operating environment for wireless communication with a remote device, the method being applied to an apparatus for performing the wireless communication (page 11, lines 6-25), the method comprising: defining link information for associating each of remote devices with one of a plurality of locations that are predetermined to perform wireless communication (page 4, lines 11-27; page 6, lines 10-14); performing a device discovery process of discovering a remote device that is present within a wireless communication area of the apparatus (page 6, lines 14-16); selecting one from among the locations based on a result of the device discovery process and the link information so as to select a location that is associated with the remote device discovered by the device discovery process (page 6, lines 16-20); and setting an operating environment for the wireless communication in one of a mode in which the apparatus responds to a device discovery request transmitted from a remote device and a mode in which the



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apparatus does not respond to the device discovery request, in accordance with the selected one of the locations (Fig. 10).

***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marivelisse Santiago-Cordero whose telephone number is (571) 272-7839. The examiner can normally be reached on Monday through Friday from 7:30am to 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
W. R. YOUNG  
PRIMARY EXAMINER